Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this Box→

1449A/PTO Rev. 10/95			U.S. Department of Commerce Patent and Trademark Office	ce Complete if Known			
				Application Number			
LIS	ST OF PRIOR	art	CITED BY	Filing Date			
	APPLI	CAN	IT	First Named Inventor	Russell K. Myers		
	(use as many shee	ts as nec	essary)	Group Art Unit			
	_			Examiner Name			
Sheet	1	of	2	Attorney Docket Number	LEEE 213424		

	U. S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	U.S. Patent Documents		Name of Patentee or Applicant of Cited Document	Date of Publication	Pages, Columns, Lines, Where Relevant				
Initials*		Number	Kind Code (if known)	of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		5,278,390		Blankenship	01/11/1994					
				•	[

<u> </u>									
Examiner Initials*	Cite No.1		Foreign Patent Docu	ment		PATENT DOCUMENTS Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Rele- vant Passages or Rele- vant Figures Appear	
		Office ³	Number⁴	Kind (if	Code ⁵ known)				T ⁶
							1		
						,			

,			
	Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (6-95) Approved for use through 9/30/98, OMB 0651-0031 Patent and Trademark office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this Box→

1449B/PTO	1449B/PTO U.S. Department of Com Rev. 10/95 Patent and Trademark		epartment of Commerce nt and Trademark Office		Complete if Known	
10/00		1 atc	in and Trademark Office	Application Number		
LIST	OF PRIOR			Filing Date		
	APPLIC (use as many shee		· -	First Named Inventor	Russell K. Myers	
	(use as many snee	15 45 116	ecessary)	Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	LEEE 213424	

_	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*										
		JACK W. CRINSHAW Embedded Systems Programming (Integer Square Root) - February 1998	·							
		Electrical Measurements and Heat Input Calculations for GMAW-P Process - November 2001								

Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450